

US-PAT-NO: 4527201

DOCUMENT-IDENTIFIER: US 4527201 A

TITLE: Zoom indicating apparatus

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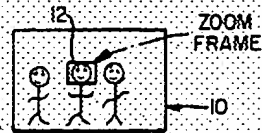
US Patent No. - PN (1):  
4527201

**U.S. Patent**    **JUL 2, 1985**

Sheet 1 of 5

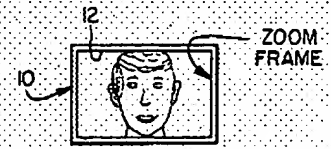
**4,527,201**

FIG. 1A.



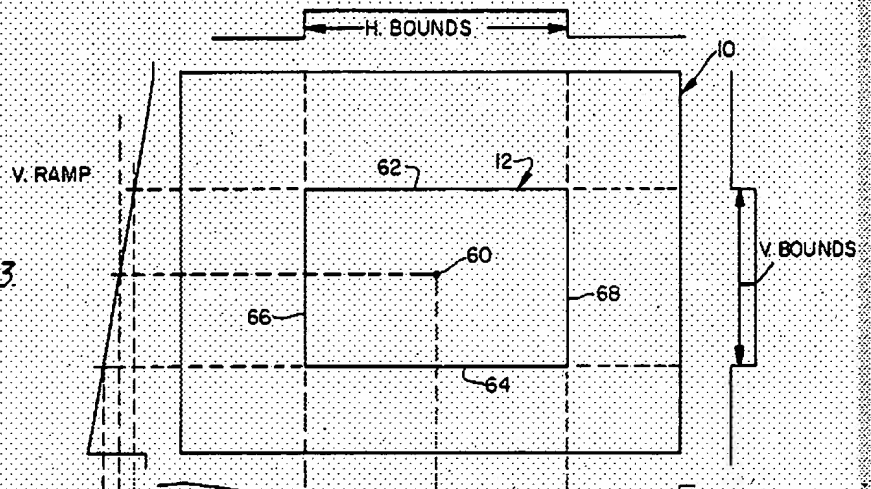
ZOOMED OUT

FIG. 1B



ZOOMED IN

FIG. 3



|   | U | Document   | Issue D |           |
|---|---|------------|---------|-----------|
| 5 |   | US 5161025 | 199211  | Optical/e |
|   | □ | A          | 03      |           |
| 6 |   | US 5196877 | 199303  | Viewfind  |
|   | □ | A          | 23      |           |
| 7 |   | US 4527201 | 198507  | Zoom inc  |
|   | □ | A          | 02      | like      |

US-PAT-NO: 5172234

DOCUMENT-IDENTIFIER: US 5172234 A

\*\*\*See image for Certificate of Correction\*\*

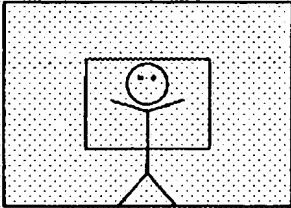
TITLE: Camera having an electro

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US Reference Patent Number - URPN (2):  
4527201

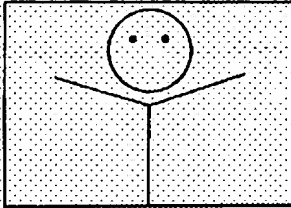
|   | U | Document   | Issue D                                 |
|---|---|------------|---|
| 1 | A | US 5172234 | 199212 15 Camera                        |
| 2 | A | US 4837633 | 198906 06 Electron                      |
| 3 | A | US 5754230 | 199805 19 Image pl<br>synthesi<br>image |
| 4 | A | US 4591913 | 198605 27 Method o<br>television        |

FIG.18



MOTION PICTURE MODE

RELEASE →



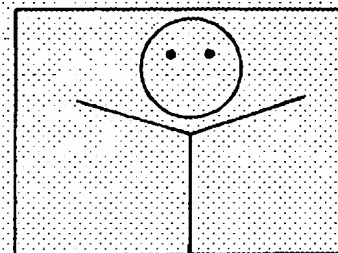
STILL PICTURE MODE

At the same time, view angle code is imprinted on the film. In this instance, a signal "MEM" from the sequence controller 213 becomes and remains at "1" for one frame period. One frame portion of data is then written into the RAM 204. Upon completion of the writing process, the signal "MEM" becomes "0" and the RAM 204 assumes the reading mode thereof. At the same time, signals "MOV" and "REC" respectively becomes "0" and "1" to cause the switching means 208 to turn on and the switching means 209 to turn off. As a result, the contents of the RAM 204 are produced as a still image and supplied to the monitor 206. Then, at the address generator 210 which is arranged to generate a reading address for reading from the RAM 204 changes the reading address. This causes the monitor 206 to display in an enlarged state thereon only the signal portion of the RAM 204 that is within the **trimming range** according to a view angle code produced by the view angle code generating circuit 212. The camera is brought from this still picture mode back to its initial state when the switches SW1 214 and SW2 215 are turned off. Further, FIG. 18 shows the operation of the embodiment to be performed on a display panel. As shown in FIG. 18, a trimming frame display is arranged to be automatically changed over to an enlarged display following an exposure action.

(49) It should be noted that although the above embodiments of the invention

FIG. 18

RELEASE



STILL PICTURE MODE

MOTION PICTURE MODE

| U Document Issue D |   |                   |                               |
|--------------------|---|-------------------|-------------------------------|
| 1                  | A | US 5172234 199212 | Camera                        |
| 2                  | A | US 4837633 198906 | Electroni                     |
| 3                  | A | US 5754230 199805 | Image pi<br>synthesi<br>image |
| 4                  | A | US 4591913 198605 | Method a<br>television        |